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UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
WASHINGTON, D. C.
H. H. BENNETT, CHIEF

PRECIPITATION IN THE
MUSKINGUM RIVER BASIN
JULY, 1938

By

Division of Research, Soil Conservation Service
Section of Climatic & Physiographic Research

and

Muskingum Watershed Conservancy District

SCS-TT-9
September - 1938

U. S. DEPARTMENT OF AGRICULTURE
WASHINGTON, D. C.

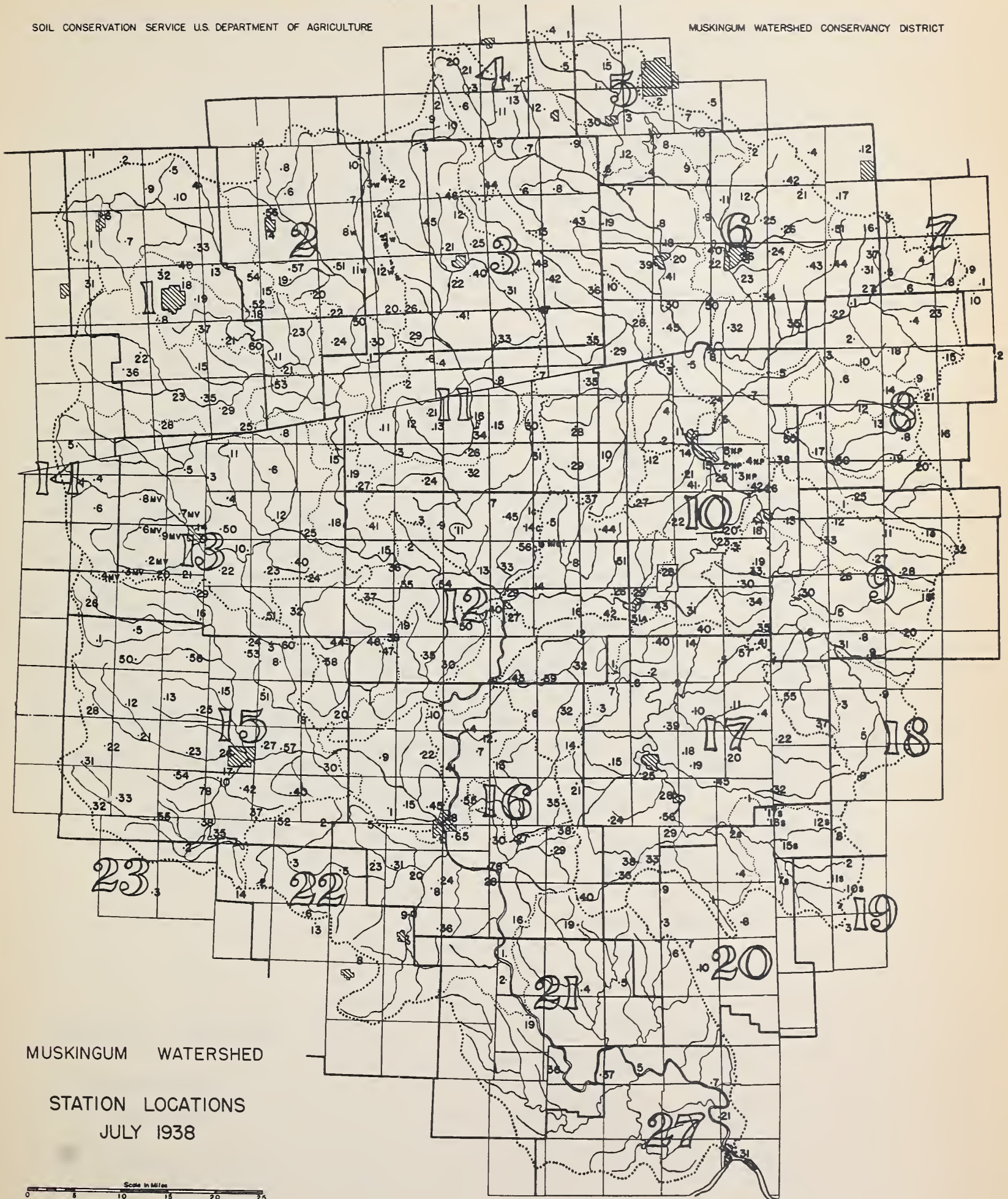
MUSKINGUM RIVER WATERSHED OHIO

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MUSKINGUM CLIMATIC RESEARCH CENTER

SOIL CONSERVATION SERVICE U.S. DEPARTMENT OF AGRICULTURE

MUSKINGUM WATERSHED CONSERVANCY DISTRICT



MUSKINGUM WATERSHED

STATION LOCATIONS

JULY 1938

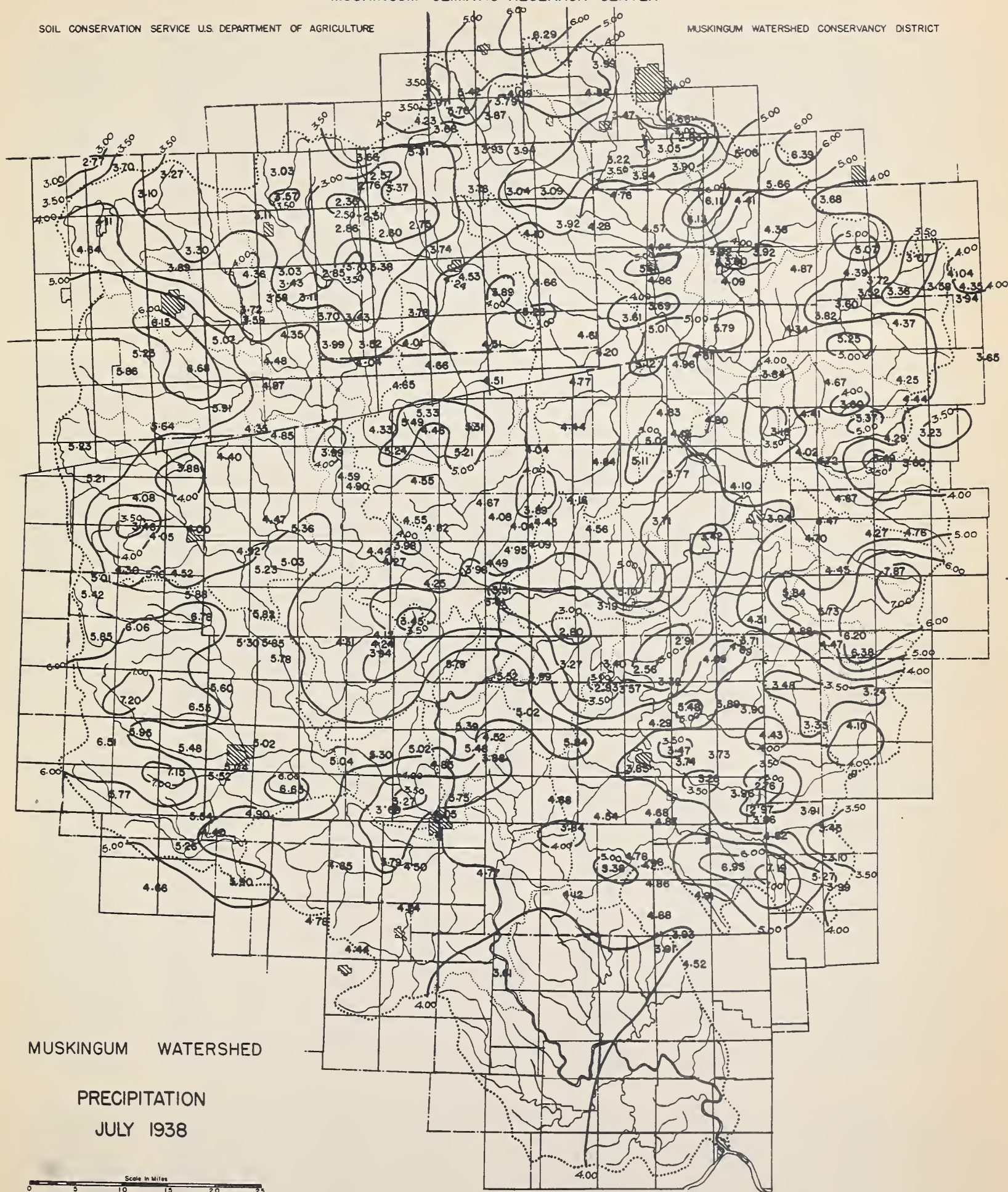
MUSKINGUM RIVER WATERSHED OHIO

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MUSKINGUM CLIMATIC RESEARCH CENTER

SOIL CONSERVATION SERVICE U.S. DEPARTMENT OF AGRICULTURE

MUSKINGUM WATERSHED CONSERVANCY DISTRICT



MONTHLY SUMMARY OF PRECIPITATION FOR JULY, 1938 BY DAYS ENDING AT 8:00 A.M.

Sta. No.	Name	DATES																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
RICHLAND COUNTY NO. 1																																	
1	Post, Fred E.	.06						.07		.05	.01		.08				.59						.26						.22		.10	1.33	2.77
2	Backensto, Ira E.	.11						.31	.06	.01		.13	.03		.57	.01						.11					.01	.47		.11	1.67	3.70	
4	McMillan, Wade	.08						.45	.02			.14	.03		.46	NR					NR	NR	NR				.02	.35		.38	1.35		
5	Amstutz, Edwin	.03						.25				.16	.01		.48	.01										.08	.33		.19	1.74	3.27		
6	Dewey, Arthur L.	.08						.54	.01			.22	.05		.55							.12				.09	.46		.21	1.76	4.11		
7	Nazor, Frank	.21						.40		.01		.08			.53							.04				NR	NR			NR			
8	Finney, Ross	.49						.23		.03		.10	.02		.32							.74	.02			1.00	.71		.79	1.70	6.15		
9	Gundrum, Perry	.06						.34		.05		.08	.03		.50	.01										.08	.32		.17	1.43	3.10		
10	Winters, V. L.	NR						.10	.02	.01		.02			.21	NR						NR	NR	NR		.02	.11		.09	1.77			
11	Spies, Mrs. Laura M.	.21						.68		.01		.12			.58							.45				.02	.40		.32	1.34	4.64		
13	McSier, Charles E.	.08						NR		.05		.09	.02		.37	.01						.73	.42			.13	.05		.39	1.58			
15	Long, Walter	.35						.57		.33		.09	.26		.53	.01						.10	1.37			.28			.59	2.19	5.68		
19	Trease, Howard L.	.22						.47		.18		.09	.01		.37	NR						.08	.04	NR		.79	.43		.40	1.54			
21	McClurg, Homer L.	.33						.32		.10		.08	.13		.48							.08	.43			.86			.64	1.62	5.07		
42	Sherman, Arthur	.36						.15		.06		.13	.04		.28							.68	.11			.58			1.00	1.84	5.23		
45	Hollar, Wayne B.	.35						.37		.12		.11	.08		.73							.47				.21			.92	.78	4.35		
28	Zediker, Harley	.46						.72		.17		.13	.09		.43							1.22				.27			.51	1.65	5.64		
29	Uswalt, Ray	.35						.39		.33		.09	.11		.55							1.83				.22	.01		.32	1.19	5.92		
31	Walker, Robert	.37						.28		.13		NR	.02		.55							.03	.14			.15	NR		.52	1.35			
32	Wagner, Mrs. Fred	.21						.53		NR	.08	.08	.02		.58											.11	.01		.55	1.60			
33	Dixon, Grover	.06						.45		.01		.07			.52							.05				.12	.05		.55	1.42	3.30		
35	Thomas, J. B. Jr.	.22						NR		NR	NR	NR	NR		NR	NR						NR	NR	NR		.22			.58	1.55			
36	Bart, Dr. Francis	.40						.24		.21		.16	.21		.25							.43	.49			.35			1.04	2.07	5.86		
37	Smith, N. E.	.38						.38		NR	NR	NR	NR		NR	NR						.20	.17			1.66			.77	1.30			
40	Harrington, J. R.	.17						.33		.10		.11	.02		.55							.01	.10			.14	.03		.74	1.59	3.89		
60	Sprangle, R. W.	.21						.32		.19		.09	.14		NR	.01						.02	.42			.78			.47	1.38			

ASHLAND COUNTY NO. 2

6	Roland, Ed.	.17						.59	.02	.02		.02			.29							.22				.08	.19		.22	1.75	3.57
8	Schad, Jacob	.12						.24	.04	.05		.03			.30							.10				.11	.29		.22	1.53	3.03
10	Carpenter, Walter	.27						.56	.02	.01		NR			.71							.08	.58			.17	1.52				
11	Easterday, Mrs. Mary	.25						.32		.34		.11	.16		.66							.70				.16	.01		.56	1.21	4.48
14	Colby, Mrs. Esther S.	.18						.42		.09		.10	.03		.43							.66				.21	.03		NR	NR	
15	Beck, Lewis D.	.23						.23		.04		.06	.08		.45							.38				.49	.05		.35	1.22	3.58
18	Hazen, Ralph	.17						.18		.17		.08	.03		.44							.18				.59			.55	1.20	3.59
19	Bishop, William J.	.20						.14		.01		.13	.09		.47							.11				.44	.02		.33	1.49	2.43
20	Deane, Jephtha W.	.18						.09		.02		.07	.03		.50							.07				.44	.01		.35	1.35	3.11
21	Bowman, Mrs. Edith	NR						.64	.04	.40		.09	.21		.59							.89				.20	.01		.50	.80	
22	Paullin, William R.	.15						.42		.16		.04	.13		.58							.03	.34			.50	.04		.38	.93	3.70
23	Garbeth, J. F.	.22						.19		.22		.06	.38		.61							.33				.47	.01		.52	1.34	4.35
24	Semetzler, Lloyd	.19						.18		.17		.05	.31		.52							.77				.26	.01		.46	1.07	3.99
50	McKinley, Arthur	.11						.30		.07		.04	.19		.53							.29				.36	.01		.33	1.20	3.43
51	Satdorf, H. R.	.19						.10		.03		.01	.07		.47	.01						.16				.24	.05		.33	1.19	2.85
52	Lawrence, Julian H.	.13						.19		.08		.04	.03		.40							.29				.56	.02		.53	1.45	3.72
53	McBride, L. A.	.32						.68	.01	.25		.04	.24		.58							1.11				.23	.02		.61	.78	4.37
54	Seiss, Howard C.	.19						.30		.01		.07	.06		.46							.02	.43			.24	.20		.52	1.86	4.32
55	Landis, Robert W.	.12						.20		.05	.12	.12	.04		.43							.04				.05	.25		NR	1.15	
56	Shuey, Walter	.15						.55		.01	.04	.21			.23							.17				.01	.05		.18	1.71	3.11
57	Goard, H. E.	.21						.10		.04		.06	.05		.42							.34				.26	.16		.33	1.06	3.03
W 1		.24						.84		.02					.30							.04				.03	.25		.17	.71	2.60
W 2		.22						.06		.02		.01	.02		.33	.01						.15				.07	.34		.24	1.04	2.51
W 3		.35						.08		.01					.29							.22				.03	.12		.15	1.50	2.76
W 4		.38						.06		.01			.01		.31							.23				.04	.14		.12	1.27	2.57
W 5		.36						.44		.09		.04	.01		.32	.02						.45				.09	.18		.16	1.51	3.97
W 6	Muddy Fork Project Area--	.30						.34		.01		.01	.03		.32	.01						.47				.05	.05		.19	1.52	3.30
W 7	Soil Conservation Service	.33						.07		.01					.29							.21				.05	.02		.18	1.20	2.36
W 8		.28						.06		.05		.01	.01		.33							.01				.16	.24		.29	1.42	2.85
W 9		.24						.43		.04		.01			.41	.01						.12				.06	.32		.31	1.11	3.06
W 10		.18						.19		.07		.01			.39							.05				.12	.18		.29	1.05	2.53
W 11		.20						1.11		.03		.02	.08		.43	.01						.04				.28	.10		.32	1.08	3.70
W 12		.22						.91		.03		.03	.11		.37							.03				.28	.10		.27	1.03	3.38
W 13		.35						.09		.07			.02		.43	.02						.01				.14	.32		.33	1.88	3.66

WAYNE COUNTY NO. 3

1	Leiby, Lorenzo E.	.25						.37	.01	.03					.28						.74				.07	.47		.11	1.33	3.66
2	Reeves, Mrs. Wanda	.42						.06		.02		.04			.33	.01					.55				.04	.37		.18	1.35	3.37
3	George, Denver	.23						.09							.25	.01					.53				.02	.40		.11	1.57	3.31
4	Douglede, James	.25						.43			NR	NR			NR	NR				NR	NR	NR		.04	.61		.20	1.13		
5	Viall, Charles A.	.27						.54		.03					.25	.05					.02	.25		.10	.84		.20	1.38	3.93	
6	Callahan, Miss Alberta R.	.40						.27		.02					.21	.03					.15	.03		.06	.23		.37	1.27	3.04	
7	Humes, Porter L.	.35						.14		.13					.22	.04					.08	.24		.03	.58		.31	1.32	3.94	
8	Alden, Harry C.	.44						.20		.08					.23	.03					.08	.03		.11	.61		.22	1.06	3.09	
9	Crummel, Lulu M.	.34						.06		NR					.15	.01					.06	.29		.01	.62		.29	1.12		
12	McClintock, Carl O.	.33						.25		.04		.12			.32	NR					NR	NR	NR	.04	.13		.29	1.64		
15	Deits, Mrs. Alice S.	.35						.34		.06	.03	.42			.34	.02					.14	.08		.18	.57		.16	1.41	4.10	
20	Weese, Arch	.12						.09		.03	.08	.33			.49					1.05	.39	NR		.25	.01		.55	1.34		
21	Combs, Mrs. Nina	.35						.46		.06	.01	.30			.26	.01					.02	.02		.17	.07		.37	1.64	3.74	
22	Keim, Myrtle	.19						.32		.03	.04	.18			.44	.02					.77	.09		.39	.02		.45	1.30	4.24	
25	Black, George	.41						.70		.02		.35			NR	NR					NR	.02		.18	.06		.36	1.57		
26	Sparr, Kenneth	.15						.09		.02	.11	.34			.40						.32	.29		.24	.01		.38	1.41	3.76	
29	Marson, Ed F.	.11						.06		.03	.17	.14			.59						.26	.83		.14	1.24		.44	1.24	4.01	
30	McBullough, George W.	.10						.09		.06	.15	.23			.57						.06	.43		.15			.51	1.17	3.52	
31	Fox, Albert P.	.19						.08		.03	.07	.29			.59	.01					.08	.36		.36	.22		.22	1.39	3.89	
33	Scott, Harvey Alfred	.31						.29		.01	.12	.29			.64						.04	.10		.14	.21		.35	2.01	4.51	
35	Panosettes, Emil	.15						.28		.02	.04	.19			.79	.01				1.03		.01		.11	.40		.16	1.42	4.61	
40	McClure, J. T.	.20						.30		.06	.02	.28			.40						.92	.06		.60	.09		.43	1.17	4.53	
41	Melliner, M. D.	.11							NR	NR	.44	.55			.42	.01					.05	.45		.18	.22		.34	1.24		
42	Gerder, Menno	.34						.42		.03	.12	.48			.61	.03					.01	.04		.25	.35		.18	1.80	4.66	
43	Rehm, A. O.	.26						.27		.02	.05	.47			.30	.03					.46	.03		.16	.35		.11	1.41	3.92	
44	Whiting, Charles	.34						.24		.02	.23	.02			.23	.02					.39	.05		.06	.32		.25	1.82	3.76	
45	Harmon, Glenn B.	.19						.55		.01					.25	.02								.04	.20		.23	1.26	2.75	
46	Croft, L. A.	.34								.02	.24				.24	.01					NR	NR		.03	.29		.19	1.23		
47	Welty, Wayne	.21						.57		.02	.27	.53			.79	.02					.36	.10		.30	.23		.15	1.71	5.26	
48	Houghton, D. D.	NR						.38		.02	.08	.64			.56	.04					.16	.08		.18	.12		.19	1.47		

MUSKINGUM WATERSHED

MONTHLY SUMMARY OF PRECIPITATION FOR JULY, 1938 BY DAYS ENDING AT 8:00 A.M.

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Sta. No.	Name	DATES																															Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
SUMMIT COUNTY NO. 5																																	
1	Stump, Robert W.	.24							.27			.47		.02	.24			.25					.49					.08	.96		.36	1.50	4.88
2	Ley, Theodore	.15							NR			.32			.05			.31	.04				.50					.03	1.28		.05	1.16	
3	Clause, Leo	.17							.09			.25		.01	.03			.23	.02				.33					.03	.97		.18	1.16	3.27
4	Kreitz, Alfred F.	.34							.55			.12			.03			.30	.03			.37	.02					.22	.60		.06	1.30	3.94
5	Green, John	.18							.40			.13		.01	NR			.26	.07			.02	.68					.06	1.41		.08	1.09	
6	Hawks, Fred E.	.35							.21			.17			NR			.26	.05				NR		NR			.13	.58		.10	1.26	
7	Punk, A. S.	.18							.49			.23		.01	.61			.28	.08				.81					.02	1.60		.06	1.11	4.68
8	Haring, William	.23							.35			.32			.02			.26	.04			.02	.08					.04	.41		.05	1.23	3.05
9	Fosnight, S. L.	.32							.21			.13			.02			.35	.08			.21	.01					.39	.67		.07	1.44	3.90
10	Beagle, Merton A.	.18							.30			.24			.01			.28	.07			.03	.11					.05	.35		.06	1.15	2.83
12	Lansky, Helen	.30							.19			.28			.04			.30	.02				.02					.08	.43		.10	1.46	3.22
15	Boehme, Richard	.12							.26			.27			.18			.24					.34					.23	.54		.06	1.55	3.99
30	Ling, Jacob	.24							NR			NR						.23					.39					.04	.92		NR	NR	

STARK COUNTY NO. 6

2	McKinney, Willis L.	.22							.19			.16						.69	.12			.34	.63				.02	.34	.60		.08	1.69	5.08
4	Schaffer, Wilda	.18							.59			.13		.01	.05			.77	.07			.26	.77				.15	.77	.71		.10	1.83	6.39
7	Semelsberger, Charles	.39							.89			.09		.01	.42			.34	.03			.24						.49	.40		.11	1.35	4.76
8	Brand, Joseph H.	.31							.66			.11		.01	.47			.68	.04					.01				.10	.50		.06	1.62	4.57
9	Floom, Edward	.38							.88			.14		.01	.34			.84	.05				.93					.10	.42		.06	1.98	6.13
10	Cowan, Vern								*.42			.02		.01	NR			1.09	.04			.15	.04					.11	.47		.02	1.80	
11	Barton, William	.36							.52			.04			.77			.81	.07				1.17					.14	.42		.08	1.73	6.11
12	Reiss, Samuel	.33							.13			.03			.38			.80	.08				.14					.13	.29		.12	1.68	4.41
16	Coss, Charles	.39							.27			NR			.10			.42	.04			1.09	.29					.26	1.56		.07	1.25	
17	LaMotte, Mrs. William H.	.10							.09			.02			.12			.45	.07			.18	.84	.06			.22	.01	.28		.05	1.19	3.68
18	Duhecker, Peter	.30							.68			.24		.01	.34			.79	.03									.10	.29		.08	1.69	4.65
19	Moegrove, Irene P.	.29							.91			.02		.01	.60			.40	.05			.04						.15	.29		.10	1.42	4.28
20	Young, Thomas	.29							.26			.10		.06	.79			1.17	.03					.14				.12	.38		.07	1.63	5.04
21	Paxson, Mae E.	.32							.30			.05		.01	.16			.61	NR			.07	.22				.08	.06	.25		.10	1.35	
22	Dreher, Marie	.34							.04			.12		.01	.86			.70	.05			.07	.04	.05			.01	.11	.34		.06	1.26	4.03
23	Hoppe, Dora R.	.24							.16			.28			.33			.69	.04			.18	.29					.10	.21		.09	1.58	4.09
24	Oaren, Ira M.	.45							.05			.29		.01	.40			.58	.03			.02	.38				.02	.06	.12		.07	1.44	3.92
25	Renkert, Harry J.	.33							.12			.06			.13			.66	.06			.09	.13					.07	NR		.12	1.55	
26	Schaub, Anna E.	.35							.04			.06		.01	.09			.52	.08			.37	1.01	.04			.04	.05	.17		.07	1.48	4.38
27	Leyda, Lillie W.	.40							.06			.26		.01	.05			.34	.03			.06	.20					.24	.53		.16	1.18	3.52
28	Williams, Mrs. Howel	.21							.17			.02		.01	.40			.72	.04			.17		.07				.13	.27		.06	1.34	3.61
29	Stevane, Edward	.22							.26			.02		.10	.14			.63	.03			.61		.01				.11	.42		.13	1.52	4.20
30	Winkhart, George	.20							.16			.07		.04	.55			.65	.02			.13		.03				.24	.29		.08	1.33	3.69
31	Hager, Catherine M.	.34							.16			.21			.08			.36	.01				.49					.04	1.01		.09	1.60	4.39
32	Harmon, John D.	.20							.37			.36		.01	.22			.48	.03			.97	.11				.03	.09	1.21		.11	1.60	5.79
35	Williams, Bessie	.22					.02		.33			.41		.01	.09			.42	.03			.22						.08	.42		.15	1.94	4.24
36	Knouff, Charles	.38							.04			.20		.01	.64			.57	.04			.02	.18	.08				.06	.16		.06	1.46	3.90
37	Wartluft, Mrs. Elizabeth	.40							.34			.11		.01	.07			.38	.02			.35	.56					.04	1.35		.10	1.34	5.07
39	Snyder, Homer R.	.30							.47			.06		.08	.72			.97	.02					.01			.30	.13	.58		.04	1.93	5.61
40	Keyser, O. R.	.37							.07			.07		.01	.68			.71	.05			.03		.14				.37	.43		.06	1.30	3.92
41	Maeillon Sewage Works	.22							.29			.07		.13	.54			1.18	.03			.03		.05			.11	.10	.42		.07	1.62	4.86
42	Kyle, Wendell H.	.28							.94			.07		.01	.44			.60	.10			.01	.67					.19	.66		.13	1.56	5.66
43	Dewalt, S. J.	.32					.02		.43			.21		.01	.46			.43	.03			.12	.25					.03	1.00		.08	1.48	4.87
44	Sheatsley, V. W.	.40							.20			.31			.35			.55	.03			.20	.47	NR				.03	1.58		.14	1.55	
45	Keith, Clyde R.	.21							.12			.14		.04	.24			.53	.02			1.44	.03	.05				.12	.31		.13	1.63	5.01
50	Knight, Earl C.	.17							.06			.26		.01	.37			NR	.06			.26	.19	.12			.29	.15	.24		.09	1.64	
51	Krabill, Lon	.42							NR	NR		NR		NR	NR			NR	NR			.73	.11					.06	.78		.14	1.42	

COLUMBIANA COUNTY NO. 7

1	Wilhelm, William M.	.30							.21			.38						.50	.01			.46	.25					.18	.53		.22	1.31	4.35
2	Morrow, Martin	.23							.54			.09						.35				.03	.13					.71	.14		.29	1.14	3.65
3	Bueh, Andrew J.	.26							.14	.01		.02			.08			.54	.03			1.41	.29	.02			NR	1.22		.07	1.19		
4	Hiner, Arvine	.35							.02	.01		.07		.01	.02			.27	.04			.02	.07	.02			.15	.59		.14	1.19	3.07	
5	Swinehart, Ira	.35							.04			.23		.01	.04			.28	.03			.03	.19	.01			.23	.89		.12	1.27	3.72	
6	McGrew, Alvin H.	.31							.03			.33		.01	.03			.36	.01			.14	.09				.10	.61		.35	.99	3.36	
8	Bolen, Joseph	.31							.23			.34		.01	.01			.42				.02	.47				.07	.44		.23	1.33	3.58	
9	Labus, Fred	.31							.18			.36						.38	.01			.24	.13				.22	.49		.21	1.51	4.02	
10	Copeland, L. H.	.32							.17			.32						.52				.32	.10	.04			.24	.41		.30	1.20	3.92	

MUSKINGUM WATERSHED

MONTHLY SUMMARY OF PRECIPITATION FOR JULY, 1938 BY DAYS ENDING AT 8:00 A.M.

DATES

Sta. No.	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total	
TUSCARAWAS COUNTY NO. 10																																		
00	M. C. R. C.—Office	.18							.08		.02		.01	.01			.60	.01			.03	.01	.58					.42	.11		.32	1.39	3.77	
1	Eash, Ray	.20							.63	NR	NR	.03	.01		.52	.01			.52	.01			.14				.03	.07	.72		.26	1.71		
2	Smith, Fred	.16							.38	.01	.03	.01	.01		.65	.01			.65	.01			.16	.08			.01	.63	.04		.57	2.27	5.02	
3	Barnes, Lawrence W.	.32							.01	.13	.11	.01	.02		.68	NR			.68	NR			NR	NR	NR			.43	.01		.67	1.06		
4	Hosetler, Miss Nellie	.21							.46		.09	.02	.04		.58	.01			.58	.01			.09	.01				.17	.37		.37	2.41	4.83	
5	Kippel, George H.	.15							.55		.18	.01	.02		.55	.02			.55	.02			.24	.27			.02	.18	.75		.24	1.77	4.96	
6	Haver, Harry V.	.28				.02			.19	.66	.08	.01	.03		.56	.01			.56	.01			.02	.02				.38	.20		.36	2.00	4.30	
7	Edwards, Minnie	.28							.29	.11	.09	.01	.01		.54	.01			.54	.01			.09	.02				NR	NR		NR	NR		
8	Warner, George W.	.15							.47		.33	.01	.08		.51	.01			.51	.01			.17	.32			.01	.10	.65		.20	1.78	4.31	
10	Trachsel, Henry	.25							.50		.01				.85	.01			.85	.01			.20	.28				.47	.05		.47	1.75	4.34	
11	Seymore, Vardy	.15							.06		.02			.01		.59	.01			.59	.01				.12			.54	.03		.46	2.03	4.12	
12	Thomas, Tom	.27							.22	.01	.07				.68	.02			.68	.02			.11	.32				.62	.03		.53	2.23	5.11	
13	Wright, Orville	.23							.23	.02	.09	.02	.01		.70	.01			.70	.01			.13	.22				.56	.12		.52	2.28	3.94	
14	Engler, Robert	.17							.06		.02	.01	.03		.64	.01			.64	.01				.28				NR	NR		.35	1.86		
18	Harmon, Joseph F.	.25				.05			.01		.10	.01			NR	NR			NR	NR			.16					.44	.01		.73	1.08		
19	Mellor, Harry M.	.41							.13	.40	.45	.17	.01		.80	NR			.80	NR			NR	NR				.51	.11		.75	1.62		
21	Zuremer, Raymond	.15							.10	.03	.04	.01			.61	.01			.61	.01			.04					.62	.05		.29	1.41	3.77	
22	Jones, Emmett	.38							.01	.05	.01	.03	.03		.68	.01			.68	.01						.42		.44	.01		.45	1.19	3.71	
23	Heck, Lester D.	.32							.01	.21	.09	.01			.72	.01			.72	.01			.03					.26	.05		.71	1.00	3.42	
25	Schoenbrunn C. C. C. Camp	NR				NR			NR	NR	NR			.01		.63	.05			.63	.05		NR	NR	NR		NR				.37	.97		
26	Peters, R. V.	.17							NR	NR	NR	NR			.68	.03			.68	.03				.07				.60	.40		.48	1.03		
27	Hirich, Vernon	.36				NR			NR	NR	NR			.01	.04				.68	.01								1.13	.03		.23	1.80		
28	Pittson, Lewis	NR				NR			NR	NR	NR				.60	.02			.60	.02						NR			NR	NR		NR	NR	
29	Cutshall, Charles	.37							.03	1.16	.01	.03	.02		.59	.01			.59	.01			1.07					.50	.01		.42	.88	5.10	
30	Woffitt, John	.32							NR	NR	NR	NR			.55	.01			.55	.01			.08					.54	.07		.71	.97		
31	Grewell, Elmer D.	.30							.06	2.15	.01	.16	.01		.55	.01			.55	.01			.09	.03	NR			.15	.09		1.01	1.21		
33	Arnold, Homer M.	.24							.05	.36	.50	.15	.01		.89	.01			.89	.01			.08					.41	NR		.45	1.40		
34	Tidrick, James C.	.32				.01				1.39	.14	.04	.03		.95	.01			.95	.01			.08		.01			NR	NR		NR	NR		
35	Jacoby, Paul J.	.35				.01			.01	.38	.05	.32	.02		.84	.01			.84	.01			.07	.09				.09	.20		.54	1.34	4.31	
37	Miller, Elmer	.37							.05		.02		.03		.66	.02			.66	.02			.16					.53	.01		.57	1.74	4.16	
38	Walker, Harry	.33				NR			.03		.13				.68	.01			.68	.01								.48	.25		.76	1.22		
40	Taylor, J. Arthur	.33				.07			.10		NR	.06			.78				.78				.04		.04			.17	.35		.35	1.22		
41	Sprigg, John	NR							.17	.02	.02	.01	.02		.70	.01			.70	.01			.01	.01		.08		.63	.03		.16	1.00		
42	Weaver, John L.	.12							.02		.05			.01		.69	.01			.69	.01				.07	.09		.58	.37		.80	1.29	4.10	
43	Grandlet, Edson	.32							.02	1.14				.01		.54	.01			.54	.01		NR	.03	.02			.15	.10		.71	1.03		
44	Troendly, Earl	.36								.04		.02		.03	.01	.73	.01			.73	.01							.88	.01		.32	2.15	4.56	
45	Wolfe, R. C.	.12							.45		.13	.01	.03		.46	.01			.46	.01			.72	.08				.16	.98		.20	1.77	5.12	
50	Hamilton, Frank	.27							.04	.12	.11		.04		.59	.01			.59	.01			.05		.10			.22	.10		.45	1.08	3.18	
14-3	Fuhrer, H. B.																											.08			.15	1.53		
14-6	Lennart, E. E.																											.20	.51		.18	1.85		
14-12	Werner, Clinton																											.04			.16	1.97		
14-28	France, Calvin																											.71	.15		.33	1.49		
NP2	Home Creek Watershed--	.12				.02			.32		.02		.03		.50	.02			.50	.02		NR	.10					.40	.12		.40	.99		
NP3	Index Area--	.10				.03			.22		.02		.01		.68	.02			.68	.02		NR	.09		.06			.43	.09		.49	1.09		
NP4	Muskingum Watershed	.23							.22		.07		.02		.68	.02			.68	.02		NR	.07					.42	.14		.48	1.10		
NP5	Conservancy District	.26				.03			.55		.01		.01		.59	.01			.59	.01		NR	.18					.37	.04		.41	1.16		
HOLMES COUNTY NO. 11																																		
1	Newkirk, Benjamin J.	.14							.09	.01	.11	.06	.18		.59				.59				.45	.41				.14	.04		.47	1.31	4.04	
2	Barker, Roy R.	.22							.12	.01	.15	.0																						

MONTHLY SUMMARY OF PRECIPITATION FOR JULY, 1938 BY DAYS ENDING AT 8:00 A.M.

DATES

Sta. No.	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
KNOX COUNTY NO. 13																																	
3	Postwick, Mrs. Bertha	.26							.45		.02		.08	.02			.78	NR			NR	NR	NR					.10			1.23	.76	
5	Frazier, Morris	.23							.45		.08		.09	.07			.55	.01			.06	.23						.12			.94	1.03	3.86
6	Holwig, William	.35							.62		.07		.11	.10			NR	NR				.03						NR	NR		NR	NR	
8	Motz, Richard	.33							.49		.14		.10	.04			.76	.02				.87						.24	.02		.74	1.10	4.85
10	Oretzer, D. M.	.25							.12		.22		.09	.08			1.10	.01			.12						.14	.17		.48	2.14	4.92	
11	Page, L. W.	.41							.38		.20		.11	.02			.76	.02				.02					.36			1.22	.90	4.40	
12	Simpson, L. Grant	.26							.13	.04	.01		.05	.01			1.04	.01			.02						.17	.22		.40	2.11	4.47	
14	Ayers, Elizabeth	.22							.48		.15		.09	.01			.84	.01									.14	.02		.85	1.19	4.00	
15	Greer, E. P.	.27							.05				.01	.04			.94				.02						.25	.03		.60	1.78	3.99	
16	Barcus, J. H.	.71							.12		.01		.08	.02			1.17	.01			.56						.13	.59		.85	2.53	6.78	
20	Hodges, John W.	.50							.66		.13		.11	.20				.97									.14	.03		1.03	1.33	5.10	
21	Gibson, Nora	.38							.26		.19		.04	.13			1.15				.03						.11	.02		.84	1.37	4.52	
22	Ross, Mary B.	.37							.18		.18		.14	.03			1.19	.01			.22						.16	.63		.64	NR		
23	Ulrey, Otis U.	.25							.08		.04		.11	.01			1.24	.01			.15						.08	.52		.66	2.08	5.23	
24	McLarnan, C. L.	.23							.03	.02	.01						.81	.01			.82						NR	.08		.35	1.81		
25	Potter, Ernest W.	.23							.08	.30	.03		.08				1.08	.02			.05			.30			.40	.32		.51	1.96	5.36	
26	Armstrong, Clarence	.90							.67	.02	.11		.20	.11			.67									.01	.16	.04		1.28	1.25	5.42	
29	Lahmon, Myrtle W.	.34							.16	.06	.01		.07	.03			.98	.01			.34						.15	.59		.77	2.33	5.64	
32	Carpenter, Charles	.35							.09		.01		.03				NR	NR			NR	NR	NR				.29			1.01	2.14		
40	Fawcett, O. B.	.22							.08		.07		.07				1.25	.01			.17						.07	.52		.57	2.00	5.03	
50	Oodrich, Fred A.	.25							.42		.01		.09	.01			NR										.18	.04		.70	1.40		
51	Scoles, Charles F.	.66							.10	.23	.01		.06				1.11	.01			.46						.19	.07		.74	2.18	5.82	
Wt1		.32							.68		.43		.10	.13			.89				.01						.11	.01		.89	1.24	4.81	
Wt2		.47							.38		NR		.10	.05			.76				.01						.11	.03		1.34	1.10		
Wt3		.48							.27		.17		.10	.15			.61				.01						.15	.04		1.26	1.06	4.30	
Wt4		.73							.75		.30		.14	.06			.44				.01						.25	.21		.97	1.15	5.01	
Wt5	Granny & Dry Creek Area—	.64							.66		.01		.02				.31				.01						NR	.01		1.00	1.27		
Wt6	Soil Conservation Service	.35							.33		.03		.08				.51				.01						.11	.02		.95	1.07	3.46	
Wt7		.12							.53		.01		.07	.02			.64				.01				NR	NR	NR	.01		.91	.80		
Wt8		.29							.55		.02		.13	.07			.49				.22	.08					.24	.01		.82	1.16	4.08	
Wt9		.23							.47		.34		.08				.78				.01						.11	.01		.84	1.18	4.05	
MORROW COUNTY NO. 14																																	
4	Bowen, John W.	.54							.42		.24		.15	.07			.31	.01			.71						.21	.06		.74	1.75	5.21	
5	Orsborn, Charles A.	.50							.46		.22		.13	.04			.29	.01			.25						.42	.03		.57	2.31	5.23	
LICKING COUNTY NO. 15																																	
1	Clayton, Otis H.	.87							.22	.01				.22	.01		1.10	.01									.14	.07		1.35	1.85	5.35	
2	Hamilton, R. M.	.56							.28	.05				NR	NR		.73	NR			NR	NR	.14			.52	.21	.10	.48	1.19			
3	Evans, Edward J.	.71							.08	.01			.05	.02			.98	.01			.62	.06	.03				.23	.07		1.16	1.32	5.85	
5	Riley, Mrs. Myrtle	1.08							.22	.01			.16				1.24				.02	.04					.08	.18		1.23	1.75	6.06	
8	Priest, Everett	.92							.08	.27			.05	.01			1.14	.01			.22	.15	.23				.13	.08		1.01	1.62	5.92	
10	Conn, H. L.	.42							.11	.02			.16	.05			.58	.01			1.53	.24	.13				.12			.74	1.41	5.52	
12	Peck, Coda	.79							.23	.01			.12	.02			1.14	.01				.24	.09		.31	.30	.17		1.15	2.86	7.20		
15	Lambert, Frank	.52							.12				.07				.90				.69	.38			.01	.08		1.36	1.47	5.60			
17	Riffle, Theodore	.44							.11	.02			.17	.01			.66				.94	.13	.25			.09		.75	1.47	5.04			
18	Wright, David A.	.53							.08	.01			.11	.01			.78				.01	.16	NR	1.03		.29		.60	1.56				
21	Lane, Leonard W.	.66							.37	.01			.18				.61				.01	.03		.04		.24	.01		1.12	2.67	5.95		
22	Whitehead, Frank	.70							.47		.29	.01					.73				.01	.06				.29	.01		1.33	2.62	6.51		
23	Sunkle, Raymond	.38							.18		.16						.94	.01			.37					.16			1.38	1.90	5.48		
24	Richards, Clyde A.	.84							.11		.13	.01					1.02	.01			.21		.06			.18	.01		.75	1.97	5.30		
25	Ellis, Ray	.38							.22		.11						.88				.52		.25			.27			1.65	1.87	6.55		
26	Worth, J. F.	.59							.11	.01			.16				NR			.06	.45	.18	.14		.02	.13		.77	1.45				
27	Scoles, Louis	.71							.13	.01			.18	.01			.62	.01			.03	.31	.11	.58		.15	.23		.66	1.28	5.02		
29	Brown, Leland E.																												.51	1.52			
30	Cheek, Howard	.58			</																												

MUSKINGUM WATERSHED

Page 7

MONTHLY SUMMARY OF PRECIPITATION FOR JULY, 1938 BY DAYS ENDING AT 8:00 A.M.

DATES

Sta. No.	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
GUERNSEY COUNTY NO. 17																																	
1	Addy, J. A.	.21					.21	.01				.08						.63	.01			.07					.06	.17	.22		.90	.83	3.40
2	Danley, Paul	.26					.09	.02				.03			.01			.51	.01		.01	.03					.05	.27		.24	1.02	2.56	
3	Emler, Robert	.31						.02	.37			.25	.12	.03				NR	.01			.22		.06		.05	.29	.25	.29	.87			
4	Larrick, George	.26					.01	.08	.01			.53	.13	.07				.41	.04		.34	.35		.07			.48		.10	.92	3.90		
5	Wilson, Elwood C.	.40					.04		.03			.15	.11	.04				.98	.01			.03					.11	.19	.59	1.41	4.09		
6	White, Emmett	.25						.01	.03			.23	.07	.05				.53	.01			.23	.04	.04			.09	.33	.22	1.23	3.57		
7	Duhonell, John J.	.26					.01	.01	.08			.10	.01	.03				.54	.01			.09		.11			.12	.14	.61	.81	2.93		
9	Yeager, Earl	.29										.27	.09	.02				.78			.02	.07					.09	.25	.35	1.09	3.32		
10	Nelson, Samuel	.30							.01			1.07	.52	.04				.82	.01			.33		.02		.06	.49	.08	.73	1.00	5.48		
11	Carlisle, Ernest S.	.29					.01		.03			.58	.11	.05				.54	.03			.67		.04			.26	.01	.14	1.13	3.85		
14	Domen, Elvy P.	.37										.08	.01	.02				.72	.01								.09	.21	.30	1.10	2.91		
15	Wisecarver, Clarence M.	.51							.27			.15	.33					.54	.01		.03	.04	NR			.09	.29	.18	.36	1.12			
18	Grubbs, Homer E.	.34						.06	.02		.02	.04	.17					.51	.01		.04	.54				.07	.23	.06	.24	1.12	3.47		
19	Lesper, Robert J.	.40						.16	.04			.05	.20					.47	.01			.05	.69			.02	.39	.12	.16	.98	3.74		
20	Thompson, Isaac	.37					.03	.03	.02			.06	.65	.15				.47				.03	.27			.03	.37	.15	.15	.95	3.73		
22	Ankrom, Frank	.29										.92	.58	.16				.57	.01				.06				.05	.29	.43	1.07	4.43		
24	Reeves, William L.	.42							.02				.12					.42	.07		.04	1.88				.06	.12	.02	.35	.84	4.54		
25	Saxter, Jacob	.44					.05	.05				.08	.16					.61			.01		1.06				.14	.05	.34	.66	3.65		
29	Deuren, Frank	.48						.10	.02			.53	.33					.69	.08		.01	.06	.92		.10	.03	.10	.25	1.17	4.87			
32	St. Clair, Harold	.44					.01					.08	.11					.56	.04			.33				.02	.02	.27	.41	.47	2.76		
33	Church, Brice M.	.75					.01	.06		.24		.20	.19					.65	.15		.02	.05	1.07		.03	.11	.03	.38	1.04	4.98			
36	Yorio, Charles L.	.66					.06			.30		.37	.25					.45	.15		.01	.05	.75		.39	.30	.05	.24	1.35	5.38			
37	Brieter, Charles	.27								.79	.10	.12						.61	.01				.01				.26	.12	.40	.66	3.35		
38	Koontz, H. A.	.70					.14			.21	.23	.18						.70	.14			.06	.44		.40	.23	.05	.23	1.07	4.78			
39	Yarnell, Wilmer Roy	.37						.03		.12	.36	.06						.72	.01			.29	.12		.06	.01	.33	.08	.76	.97	4.29		
40	Boot, F. L.	.37						.04		.02	.01	.01						.63	.01				NR				.05	.27	.89	.84			
41	Davidson, J. B.	.36								.47	.19	.05						.85	.01				.05				.07	.13	.59	.94	3.71		
45	Stiers, Thomas E.	.33						.01		.02	.54	.08						.57	.03		.01		.61				.09	.02	.17	.98	3.26		
55	Patterson, J. W.	.43						.01	.06		.18	.19	.05					.45	.01			.78					.11	.01	.19	1.01	3.68		
56	Kackley, Vernon	.41					.01	.02	.02		.02	.39	.34					.40	.10			.05	1.59			.03	.09	.02	.12	1.07	4.68		
57	George, F. Ray	.41						.01	.03		.30	.15	.04					1.08	.01			.05	.02				.05	.34	.81	1.39	4.65		

BELLONT COUNTY NO. 18

5	Newhart, Lester K.	.34								1.93	.04	.08				.46	.01					.01				.27	.18	.32	.46	4.10
8	Gallagher, George	.46								.60		.63				.35	.10					.19				.29		.53	.30	3.45
9	Bethel, Durwood	.23				.02			.13		.75	.04	.08				.36	.03				.01				.15	.40	.33	.71	3.24

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2	Brownfield, Sherman E.	.55					.02	.27		.20	.01	.37				.25	.05		.14			.17				.06	.09		.67	.25	3.10
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NOBLE COUNTY NO. 20

1	Nicholson, Hugh	.79					.35		.08		.12	.23				.25	.13		.02	.03		.77			.09	.10	.06		.75	.50	4.91
3	Baker, Ira	.70					.05				.06	.94				.16	.09		.01	.02					.06	.01	.24	1.74	.80	4.88	
4	Shafer, McRay	.82					.45	.34			.06	.70				.22	.08		.01		2.34				.07	.01		1.27	.58	6.95	
6	McKee, Roscoe	.86					.02	.14			.77	.36				.13			.01	.03		.01			.07			.97	.54	3.91	
7	Tilton, Alden D.	.89					.02				.09	.87				.37	.13		.01	.02		.01			.06	.20		.83	.43	3.93	
8	Clark, Mary	.82				.04	.17	.01	.08	.68						.23	.12		NR	NR	.32				.09	.11	.61	1.11	1.11		
9	West, Stanley	.75					.41	.14	.16	.51						.24	.13		.07	.25				.12	.05	.13	.73	.83	4.86		
10	Wickham, Irving	.84				.07	.12	.13	.13	.16						.15	.18		.03					.15	.26	.13	1.17	4.52			
S 1		.43						.15	.29	.15						.65	.07				.42			.03	.01	.59	.37	.80	3.96		
S 2		.46					NR	.37	.06	.22						.59	.08		.02		1.66			.02	.13	.13	.37	.83			
S 3		.62					.20	.06	.39							.41	.10				1.85			.19	.01	.49	.53	4.85			
S 4		.67					.17	.43	.06	.28						.19	.09		.08		1.66		.11		.17	.02	.79	.65	5.37		
S 5		.66					.21	.46	.08	.73						.47	.10		.04		1.94			.13	.01	1.50	.38	6.71			
S 6		.85					.23	.14	.05	.53						.30	.07		.03		1.97			.03	.09	1.41	.30	6.00			
S 7		.64					.24	.54	.04	.84						.39	.09		.17		2.46			.06	.03	1.44	.75	7.19			
S 8		.54					.10	.51	.01	.41						.16	.04		.05		1.24			.02	.18	.67	.22	4.15			
S 9	Senecaville	.81				.02	.12	.69	.03	.49						.17	.08				1.62			.04	.58	.56	.15	5.36			
S10	Soil Conservation Service	.68				.02	.05	.63	.02	.36						.15	.08		.27		.16			.27	.40	.78	.12	3.99			
S11	Cambridge	.73				.02	.11	.78	.03	.56						.30	.10		.77		.58			.17	.34	.65	.13	5.27			
S12		.44					.59	.03	.48							.53	.07		.02		.41			.36	.01	.44	.53	3.91			
S13		.36					.38	.01	.16							.68	.09				.50			.15	.01	.53	.58	3.45			
S14		.39					.43		.38							.21	.07		.02		.49			.35	.01	.40	.59	3.44			
S15		.56					.99	.01	.65							.25	.08				.69			.34	.01	.65	.49	4.82			
S16		.32					.44	.01	.28							.80	.09				.67			.01	.21	.01	.46	.56	3.86		
S17		.34					.17	.01	.22							.49	.06				.64			.03	.08	.11	.35	.47	2.97		
S18		.39					.07	.01	.12							.42	.06				.67				.04	.05	.22	.56	2.61		
S19		.87				.21	.41	.08	.86							.14	.14				2.32			.02	.04	.42	1.00	.20	6.71		
S20		.56				.34	.59	.02	.48							.18	.10		.69		1.07			.04	.04	.95	.29	5.35			
S21		.65				.33	.82	.01	.70							.37	.08				.56			.04	.01	.72	.33	4.93			

